**import** time  
**from** functools **import** lru\_cache  
  
  
*# @lru\_cache(maxsize=3)  
# def some\_work(n):  
# print(f'Sir You enter {n}, which kind of number is this. ')  
# time.sleep(n)  
# return n  
#  
#  
# if \_\_name\_\_ == '\_\_main\_\_':  
# print('Executing Some Work')  
# some\_work(5)  
# print('Done.... Calling Again')  
# some\_work(5)  
# some\_work(5)  
# some\_work(5)  
# some\_work(5)  
# print('called again')  
  
  
  
# ---------- Task ---------- #*user = int(input(**'How many values you want to cache ? '**))  
  
  
@lru\_cache(maxsize=user)  
**def** task():  
 print(**'Task....'**)  
  
  
print(0)  
task()  
print(1)  
task()  
print(2)  
task()  
print(3)  
task()